



2826

YAO-4324US

COPY OF PAPERS  
ORIGINALLY FILED

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: K. Koga ✓ : Art Unit: 2826  
Serial No.: 09/622,734 ✓ : Examiner: J. Mondt  
Filed: November 27, 2000 ✓  
For: FIELD-EMISSION  
ELECTRON SOURCE

#9/B  
Ltr to Draft  
Amend  
J. McCulllan  
8/20/02  
RECEIVED  
AUG 22 2002  
TECHNOLOGY CENTER 2800

AMENDMENT

Assistant Commissioner for Patents  
Washington, DC 20231

S I R :

Responsive to the Office Action dated May 22, 2002, please amend  
the above-identified application as follows:

DRAWINGS:

Amend Figures 8A, 8B and 9 as indicated in red on the marked-up  
copies of Figures 8A, 8B and 9 attached herewith.

CLAIMS:

Please replace claims 1, 4 and 5 with the following amended claims:

Sub  
C1

81

1. (As Amended) A field emission type electron source device  
comprising:  
a field emission electron source portion including an extraction  
electrode provided on a p-type silicon substrate via an insulating film and having  
an opening portion at a position corresponding to a region where a cathode is  
provided; and a cathode portion provided on the p-type silicon substrate and at a  
position corresponding to the opening portion of the extraction electrode; and